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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number	
First Named Inventor	John F. O'Connor, Jr.
COMPLETE IF KNOWN	
Application Number	60/270,932
Filing Date	2/26/2001
Group Art Unit	
Examiner Name	

Jr.

As a below named inventor, I hereby declare that: John F. O'Connor, Jr.; Roger B. Dickinson;
and Russel H. Marvin

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Centrifugal Blower with Partitioned Scroll Diffuser

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) 02/26/2001 as United States Application Number or PCT International

Application Number 60/270,932 and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/270,932	Feb. 26, 2001	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number _____ OR Correspondence address below

Name Russel H. Marvin, CTO

Address Torrington Research Company (Assignee)

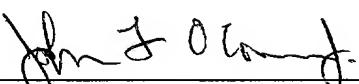
Address 89 Commercial Boulevard

City	Torrington	State	CT	ZIP	06790
Country	USA	Telephone	860-489-0489		
			Fax	860-482-2564	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	John F.	Family Name or Surname	O'Connor, Jr.
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Inventor's Signature		Date	2/19/02
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Residence: City	New Hartford	State	CT	Country	USA	Citizenship	USA
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Mailing Address 34 Deer Runn

Mailing Address

City	New Hartford	State	CT	ZIP	06057	Country	USA
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NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Roger B.	Family Name or Surname	Dickinson
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Inventor's Signature		Date	2/19/02
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Residence: City	Torrington	State	CT	Country	USA	Citizenship	USA
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Mailing Address 2051 Weed Road

Mailing Address

City	Torrington	State	CT	ZIP	06790	Country	USA
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Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number _____ OR Correspondence address below

Name Russel H. Marvin, CTO

Address Torrington Research Company (Assignee)

Address 89 Commercial Boulevard

City	Torrington	State	CT	ZIP	06790
Country	USA	Telephone	860-489-0489		
			860-482-2564		
			Fax		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR THIRD INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Russel H.	Family Name or Surname	Marvin	
Inventor's Signature	<i>Russel H. Marvin.</i>		Date	2/19/02

Residence: City Goshen State CT Country USA Citizenship USA

Mailing Address 88 E. Hyerdale Drive

Mailing Address

City	Goshen	State	CT	ZIP	06756	Country	USA
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NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Family Name or Surname
Inventor's Signature	Date

Residence: City _____ State _____ Country _____ Citizenship _____

Mailing Address

Mailing Address

City	State	ZIP	Country
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Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: John F. O'Connor, Jr.; Roger B. Dickinson and Russel H. Marvin
My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled IMPROVED CENTRIFUGAL IMPELLER, and which

(Check X is attached hereto.
one)

_____ was filed on _____ as
Application Serial No. _____
and was amended on _____.
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56 and 1.63(d).

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority <u>Claimed</u>			
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States Provisional Application(s) listed below:

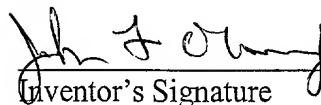
Priority <u>Claimed</u>					
X					
60/270,932	(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 and 1.63(d) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>60/270,932</u>	<u>2/26/2001</u>	
(Application Serial No.)	(Filing Date)	(Status)
		(Patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

John F. O'Connor, Jr.
Full name of sole or first
Inventor

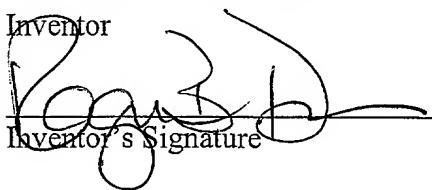

Inventor's Signature

34 Deer Run
New Hartford, CT 06057
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same as above
Post Office Address

2/19/02 United States
Date Citizenship

Roger B. Dickinson
Full name of sole or second
Inventor



Inventor's Signature

2/19/02 United States
Date Citizenship

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Russel H. Marvin
Full name of sole or third
Inventor



Inventor's Signature

2-19-02 United States
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